

Success Story

Management of Post-Harvest Sucrose Losses

Causes of post harvest losses

- Nature of variety (Rind hardness, wax content)
- Moisture and original condition of cane
- Pre-harvest practices (burning of canes)
- Method of harvesting (hand cut/mechanical harvesting)
- Atmospheric conditions (temperature, humidity and rainfall)
- Storage method (open storage, storage in piles)
- Time lag between harvesting and milling
- Efficiency of processing unit

Post Harvest Management

Supply fresh cane to mills within 24 hr

Burnt canes should be milled within 24 hr

Incentive to supply clean cane

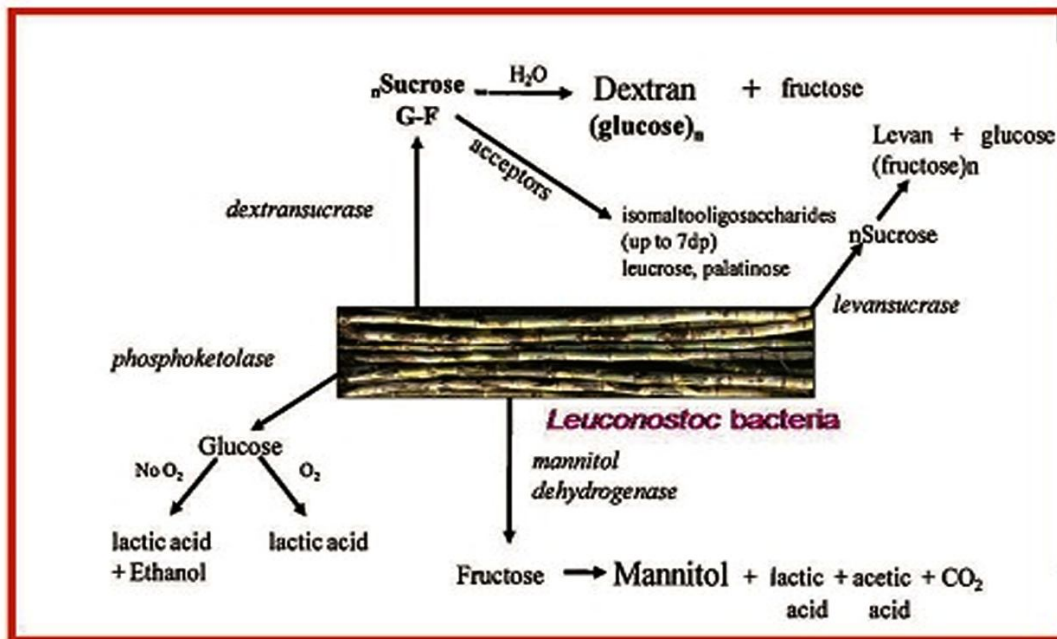
Storage of harvested canes in heaps

Use of effective biocide: Quaternary ammonium compound/ Thiocarbamates, organosulphur compound

Spray of Electrolyzed water over harvested canes



Minimising Post Harvest Lossess



Application of BKC + SMS (0.1 % each)

- Sucrose losses reduced by 1 to 1.5 U
- Sucrose recovery improves : 0.3 to 0.5 U